

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	35663	((oral with cavity) mouth) and (light laser diode radiation) and (heat thermal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/16 13:37
L10	21459	L9 and @AD<"20030210"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:25
L11	28155	("607").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/16 13:25
L12	318	L10 and L11	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:25
L13	126	L12 and (cool\$3 with (fluid liquid))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:34
L15	3	L12 and (cool\$3 with (fluid liquid) with emitter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:38
L16	838652	(light laser diode radiation) and (heat thermal\$3) and @AD<"20030210"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/16 13:38
L17	117	16 and (cool\$3 with (fluid liquid) with emitter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:39
L18	15	17 and (phase with change)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:39
L19	1	("6350276").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/16 13:49

## EAST Search History

L20	19	(US-20030113684-\$ or US-20040204745-\$ or US-20020182563-\$ or US-20010024777-\$ or US-20020049483-\$ or US-20030236487-\$).did. or (US-5445608-\$ or US-4852549-\$ or US-5133102-\$ or US-4333197-\$ or US-5293880-\$ or US-6439888-\$ or US-5536168-\$ or US-6862771-\$ or US-6471716-\$ or US-4862903-\$ or US-4736745-\$ or US-4840174-\$ or US-6350276-\$).did.	US-PGPUB; USPAT	OR	ON	2006/12/16 14:23
L21	6	20 and (temperature with (sens\$3 detect\$3))	US-PGPUB; USPAT	OR	ON	2006/12/16 14:23
S1	14666	((oral with cavity) (mouth with piece) mouthpiece) and (light laser diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/12 07:39
S2	995	((oral with cavity) (mouth with piece) mouthpiece) and (light laser diode)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 06:18
S3	71	S2 and (gingiv\$4 periodont\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 06:29
S4	25067	("607").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 06:29
S5	152	S4 and (gingiv\$4 periodont\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:17
S6	149	S5 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 06:30
S7	42	S6 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 06:34

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S8	31453	("433").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 06:34
S10	3698	S8 and (gingiv\$4 periodont\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 06:34
S11	443	S1 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 06:34
S12	79	S11 and (oral with cavity with (light laser diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:18
S13	90	S1 and phototherapy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:14
S14	169	S1 and chen.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:14
S15	164	S1 and chen.in.	US-PGPUB; USPAT	OR	ON	2005/09/29 07:14
S16	841	S4 and (gingiv\$4 periodont\$4 teeth tooth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:17
S17	16118	((light laser diode) with (teeth gum (oral adj cavity)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:19
S18	3582	((light laser diode) with (teeth gum (oral adj cavity))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:19

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S19	13	S4 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:24
S20	351	S8 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:24
S21	314	S20 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:24
S22	2387	((mouth adj piece) mouthpiece) and (compliant conform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:31
S23	203	((mouth adj piece) mouthpiece) and (compliant conform\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/29 07:31
S24	105	((mouth adj piece) mouthpiece) and (compliant conform\$3).ab.	USPAT	OR	ON	2005/09/29 09:14
S25	2	("20040204745").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 09:14
S26	2	("5445608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 12:17
S27	2	("20040193236").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 12:17
S28	11	(US-20050064371-\$ or US-20010024777-\$ or US-20030232303-\$ or US-20040204745-\$).did. or (US-4736745-\$ or US-4840174-\$ or US-4852549-\$ or US-6471716-\$ or US-5293880-\$ or US-5536168-\$ or US-5445608-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/29 12:33

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S29	3	S28 and ultrasonic	US-PGPUB; USPAT	OR	ON	2005/09/29 12:38
S30	2	("6648904").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 12:38
S31	7	((("6862771") or ("5133102") or ("4333197"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/29 13:43
S32	29	((("6,162,055") or ("6,343,933") or ("20040143920") or ("1590283") or ("3,261,978") or ("3,667,454") or ("4,333,197") or ("4,784,135") or ("4,930,504") or ("5,030,090") or ("5,171,564") or ("5,369,831") or ("5,561,881") or ("5,611,793") or ("5,616,140") or ("5,658,148") or ("5,673,451") or ("5,974,616") or ("6,026,828") or ("6,029,304") or ("6,056,548") or ("6,086,363") or ("6,106,294") or ("6,135,774") or ("6,290,496") or ("5,387,353") or ("6,471,716") or ("6,503.486") or ("20020018754") or ("20020081555"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/09/29 13:58
S33	52688	(oral with cavity) mouth and (light laser diode radiation) and (heat thermal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/12 07:40
S34	32934	((oral with cavity) mouth) and (light laser diode radiation) and (heat thermal\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/12 07:41
S35	2	((("20040162596") or ("20040147984"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 07:45
S36	3	((("20040162596") or ("20040147984") or ("6648904"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 07:48
S37	21079	S34 and @AD<"20030210"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/12 07:49

## EAST Search History

S38	32072	("433").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/12 07:48
S39	26484	("607").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/12 07:48
S40	310	S37 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/12/16 13:25
S41	67	S37 and ((extract remove conduct) with heat with (emitter source))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/12 07:50
S42	126	chen-james.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/12 08:24
S43	2	((("5300097") or ("5342358")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 12:36